

NISTTech

FIRE AND SMOLDERING RESISTANT COATING

NIST Docket 15-026

Abstract

NIST reserchers have invented a coating technology that suppresses smoldering and flammability of a cover, including for example, upholstered furniture. The coating is disposed on a back side of the cover fabric to form a backcoating and does not substantially affect face fibers of the cover fabric in an aspect such as color, hand, or visual appearance. The cover fabric retains its flexibility after disposal of the coating such that the backcoating is as flexible as the cover fabric without the coating.

Status of Availability

This invention is available for licensing exclusively or non-exclusively in any field of use.

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